

What is claimed is:

1. A method for increasing local blood flow in tissue of a mammal comprising topically administering to the mammal an effective amount of a nitric oxide precursor.
2. The method of claim 1 where the nitric oxide precursor is administered in a delivery vehicle wherein the delivery vehicle is a penetrating cream, a liquid, a lotion, an ointment or other topical preparation and wherein the nitric oxide precursor is L-arginine a salt, a complex or a derivative thereof.
3. The method of claim 2 further comprising a sufficient amount of ionic salt such as to create an ionic environment to cause absorption of the nitric oxide precursor.
4. The method of claim 2 where the delivery vehicle is a hydrophobic penetrating cream containing little or no water.
5. The method of claim 2 where the nitric oxide precursor is within a liposome or liposome like structure.
6. The method of claim 5 further comprising a sufficient amount of ionic salt such as to create an ionic strength environment within the liposome to cause tissue absorption of the nitric oxide precursor.

7. The method of claim 1 where the nitric oxide precursor is administered from a trans-dermal patch and wherein the nitric oxide precursor is L-arginine, a salt, a complex thereof.

8. The method of claim 7 where the trans-dermal patch further comprises a sufficient amount of ionic salts such as to create an ionic strength environment to cause tissue absorption of the L-arginine species.

9. The method of claim 1 where the cream consists of water (20-80%), mineral oil (3-18%), glyceryl stearate SE (0.5-12%), squalene(0.2-12%), cetyl alcohol (0.1-11%), propylene glycol stearate SE (0.1-11%), wheat germ oil (0.1-6%), glyceryl stearate (0.1-6%), isopropyl myristate (0.1-6%), stearyl stearate (0.1-6%), polysorbate 60 (0.1-5%), propylene glycol(0.05-5%), tocopherol acetate (0.05-5%), collagen (0.05-5%), sorbitan stearate (0.05-5%), vitamin A&D (0.02-4%), triethanolamine (0.01-4%), methylparaben (0.01-4%), aloe vera extract (0.01-4%), imidazolidinyl urea (0.01-4%), propylparaben (0.01-4%), bha (0.01-4%), L-arginine hydrochloride (0.25% to 25%), sodium chloride (0.25% to 25%), magnesium chloride (0.25% to 25%).

10. The method of claim 9 further comprising choline chloride (0.25-25%).

11. The method of claim 9 wherein the nitric oxide precursor is L-arginine glutamate (0.25-25%)

12. A method for overcoming impotence by applying, through means of a delivery vehicle to the penis, an effective dose of a precursor to the endothelial relaxing factor, nitric oxide.

13. The method of claim 12 where the delivery vehicle is a penetrating cream, a liquid, a lotion, and ointment or other topical preparation containing L-arginine, salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose.

14. The method of claim 12 where the delivery vehicle is a penetrating cream, a liquid, a lotion, an ointment or other topical preparation containing L-arginine, salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose in addition to other ionic salts such as to create an ionic strength environment high enough to provide an extra force to cause tissue absorption of the L-arginine species.

15. The method of claim 12 where the delivery vehicle is a penetrating cream of hydrophobic nature containing oils, waxes and other hydrophobic materials and little water sufficient to aid in the absorption of the nitric oxide precursor L-arginine, salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose.

16. The method of claim 12 where the delivery vehicle is a penetrating cream, a liquid, a lotion, an ointment or other topical preparation containing liposomes in

which are encapsulated L-arginine, salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose.

17. The method of claim 12 where the delivery vehicle is a penetrating cream, a liquid, a lotion, an ointment or other topical preparation containing liposomes in which are encapsulated L-arginine, salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose in addition to other ionic salts such as to create an ionic strength environment high enough to provide extra force to cause absorption of the L-arginine species.

18. The method of claim 12 where the delivery vehicle is contained in a condom or its equivalent which contains a penetrating cream, lotion, gel, ointment or other topical preparation containing L-arginine, a salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose.

19. The method of claim 12 where the delivery vehicle is contained in a condom or its equivalent which contains a penetrating cream, lotion, gel, ointment or other topical preparation containing L-arginine, a salt or salts of L-arginine, a complex of L-arginine or a derivative of L-arginine in an effective dose in addition to other ionic salts such as to create an ionic strength environment high enough to provide an extra force to cause tissue absorption of the L-arginine species.

20. The method of claim 12 where the delivery vehicle is a cream containing water (20-80%), mineral oil (3-18%), glyceryl stearate (0.25%-12%), squalene (0.2-12%),

wheat germ oil (0.1-6%), cetyl alcohol (0.1-11%), propylene glycol stearate SE (0.1-11%), polysorbate 60(0.1-5%), propylene glycol (0.05-5%), vitamin E (0.02-4%), hyaluronic acid/collagen (0.05-5%), vitamin A& D (0.02-4%), sorbitan stearate (0.05-5%), triethanolamine(0.01-4%) , imidazolidinyl urea(0.01-4%), methylparaben(0.01-4%), propylparaben(0.01-4%%) , bha 0.01-4%), aloe vera extract 0.01-4%), L-arginine hydrochloride (0.25% to 25%) and sodium chloride (0.25% to 25%), choline chloride (0.25-25%) and magnesium chloride (0.25-25%).

21. A method for promoting hair growth in a mammal comprising administering to the mammal an effective dose of a nitric oxide precursor in a delivery vehicle.

22. The method of claim 21 wherein the mammal is a female and lacking sufficient hair.

23. The method of claim 21 wherein the mammal is male and lacking sufficient hair.

24. The method of claim 21 where the nitric oxide precursor is administered in a delivery vehicle wherein the delivery vehicle is a penetrating cream, a liquid, a lotion, an ointment or other topical preparation and wherein the nitric oxide precursor is L-arginine a salt, a complex or a derivative thereof.

25. The method of claim 24 further comprising a sufficient amount of ionic salt such as to create an ionic environment to cause absorption of the nitric oxide precursor.

26. The method of claim 24 where the delivery vehicle is a hydrophobic penetrating cream containing little or no water.

27. The method of claim 24 where the nitric oxide precursor is within a liposome or liposome like structure.

28. The method of claim 27 further comprising a sufficient amount of ionic salt such as to create an ionic strength environment to cause tissue absorption of the nitric oxide precursor.

29. The method of claim 21 where the nitric oxide precursor is administered from a trans-dermal patch and wherein the nitric oxide precursor is L-arginine, a salt, a complex thereof.

30. The method of claim 29 where the trans-dermal patch further comprises a sufficient amount of ionic salts such as to create an ionic strength environment to cause tissue absorption of the L-arginine species.

31. The method of claim 21 where the cream consists of water (20-80%), mineral oil (3-18%), glyceryl stearate SE (0.5-12%), squalene (0.2-12%), cetyl alcohol (0.1-11%), propylene glycol stearate SE (0.1-11%), wheat germ oil (0.1-6%), glyceryl

stearate (0.1-6%), isopropyl myristate (0.1-6%), stearyl stearate (0.1-6%), polysorbate 60 (0.1-5%), propylene glycol(0.05-5%), tocopherol acetate (0.05-5%), collagen (0.05-5%), sorbitan stearate (0.05-5%), vitamin A&D (0.02-4%), triethanolamine (0.01-4%), methylparaben (0.01-4%), aloe vera extract (0.01-4%), imidazolidinyl urea (0.01-4%), propylparaben (0.01-4%), bha (0.01-4%), L-arginine hydrochloride (0.25% to 25%), sodium chloride (0.25% to 25%), magnesium chloride (0.25-25%) and choline chloride (0.25-25%).

32. The method of claim 31 wherein the nitric oxide precursor is L-arginine glutamate (0.25-25%)

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